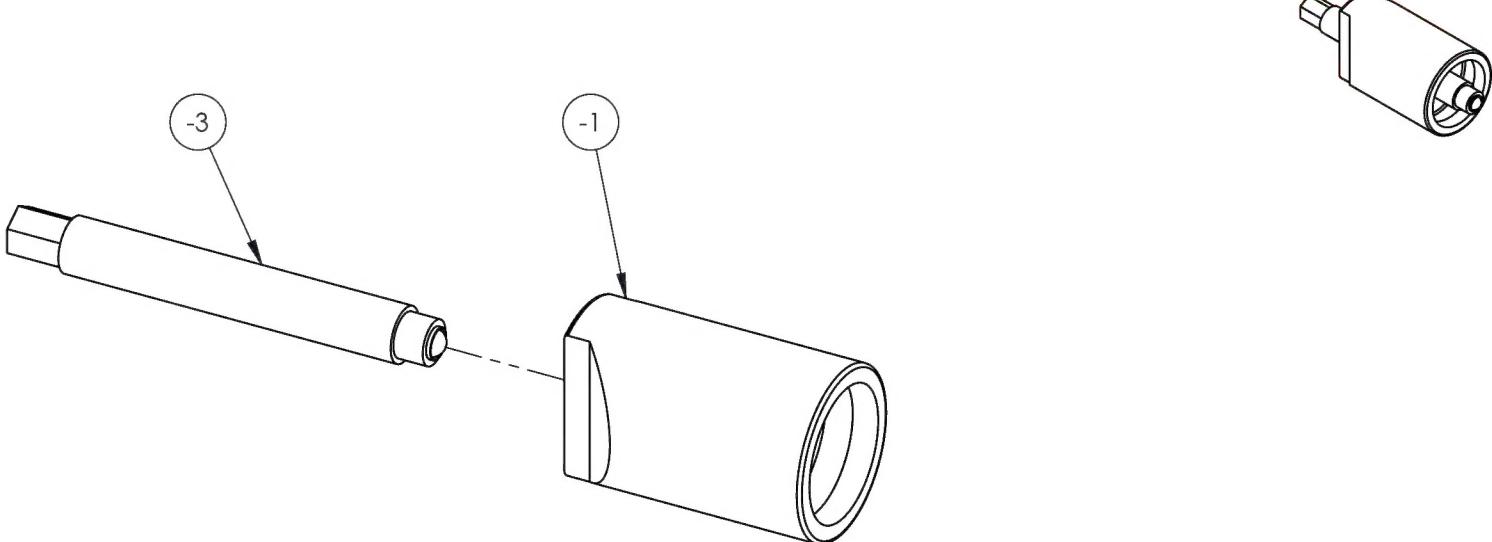


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.			9/12/2016	rjc	JAG

SEE ATTACHED DEVIATION



NOTE:
REF. EUROCOPTER T/N 1X56-122-276.

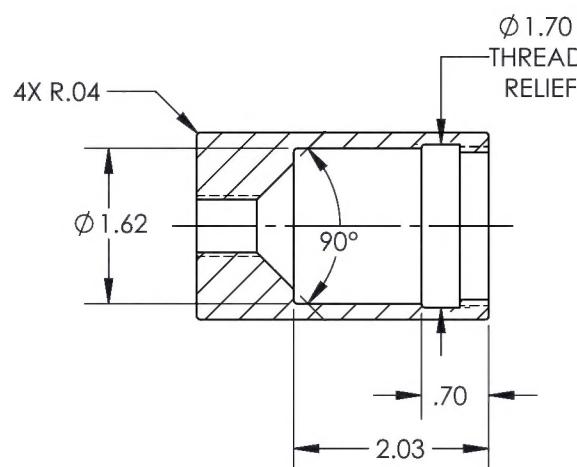
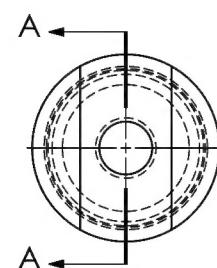
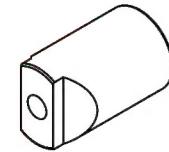
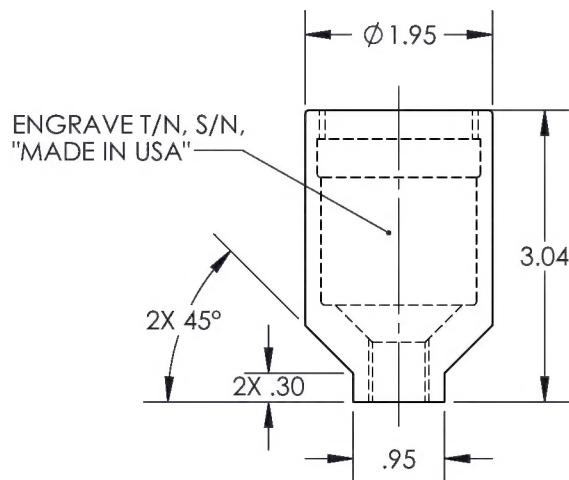
DART AEROSPACE																													
TITLE																													
PULLER																													
DWG NO.																													
RBE1X56-122-276																													
REV 1																													
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>TREAT</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>FINISH</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td>SPEC</td> <td>X ± .1 SURFACES = 125</td> </tr> <tr> <td>DRAWN BY:</td> <td>CLOUGH</td> </tr> <tr> <td>CHECKED:</td> <td>DUERFELDT</td> </tr> <tr> <td>OPPS APPR:</td> <td>ANDERSON</td> </tr> <tr> <td>QA APPR:</td> <td>LINDSAY</td> </tr> <tr> <td>APPROVED:</td> <td>GILBERT</td> </tr> <tr> <td>SCALE</td> <td>1:2</td> </tr> <tr> <td>DATE</td> <td>7/13/2016</td> </tr> <tr> <td colspan="2">USED ON MODEL</td> </tr> <tr> <td colspan="2">ASME Y14.5M-2009</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT	DIMENSIONS ARE IN INCHES	TREAT	.XXX ± .005 FRACTIONS ± 1/8	FINISH	.XX ± .01 ANGLES ± 5°	SPEC	X ± .1 SURFACES = 125	DRAWN BY:	CLOUGH	CHECKED:	DUERFELDT	OPPS APPR:	ANDERSON	QA APPR:	LINDSAY	APPROVED:	GILBERT	SCALE	1:2	DATE	7/13/2016	USED ON MODEL		ASME Y14.5M-2009	
MAT'L	UNLESS OTHERWISE SPECIFIED																												
HEAT	DIMENSIONS ARE IN INCHES																												
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SCALE	1:2																												
DATE	7/13/2016																												
USED ON MODEL																													
ASME Y14.5M-2009																													

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	HOUSING	4140/4142		2
X			-3	1	BOLT ASSEMBLY			3
1			-5		BOLT	4140/4142		4
1	B/O	-7			BALL	S2 TOOL STEEL	Ø5/16 (MCMASTER-CARR #1995T13)	3
ASSY -3								SCALE 1:2 DATE 7/13/2016 SHEET 1 OF 4

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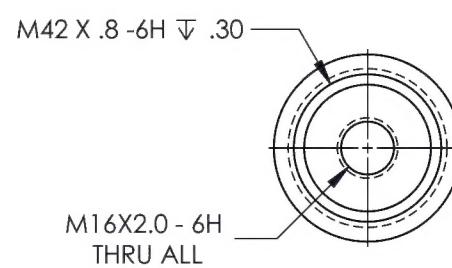
REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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SEE ATTACHED DEVIATION



SECTION A-A

(-1)
HOUSING

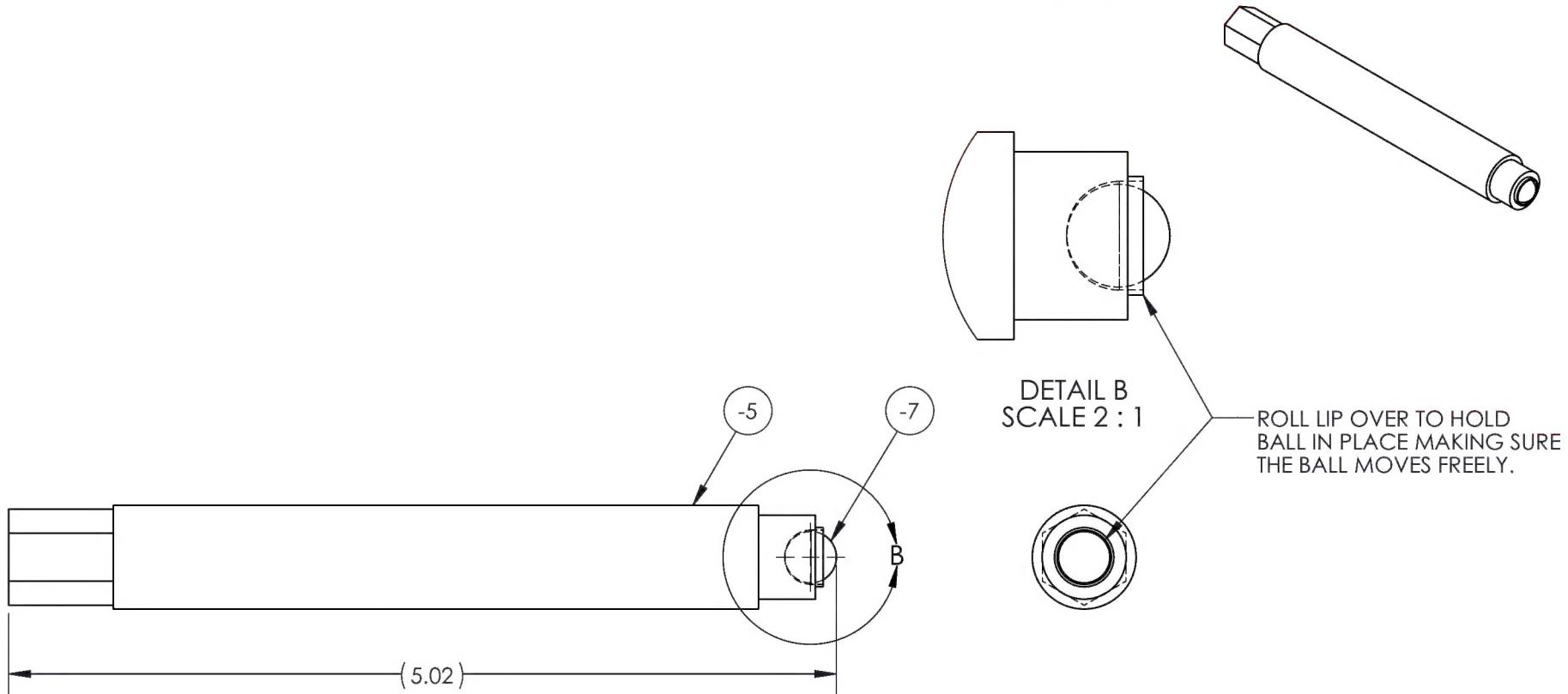


DART AEROSPACE	
TITLE	
PULLER	
DWG NO.	
RBE1X56-122-276-1	
REV 1	
<p>MAT'L 4140/4142 UNLESS OTHERWISE SPECIFIED HEAT RC 28-32 DIMENSIONS ARE IN INCHES TREAT .XXX ± .005 FRACTIONS ± 1/8 FINISH ZINC PLATE .XX ± .01 ANGLES ± 5° SPEC ASTM B633 TYPE I SC 2 X ± .1 SURFACES = 125</p>	
<p>DRAWN BY: CLOUGH 1. BREAK ALL SHARP EDGES CHECKED: DUERFELDT .015 x 45° OR .015R OPPS APPR: ANDERSON 2. DIMENSIONAL LIMITS APPLY QA APPR: LINDSAY AFTER PLATING APPROVED: GILBERT 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</p>	
USED ON MODEL	
H145	
SCALE	1:2
DATE	7/13/2016
SHEET 2 OF 4	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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SEE ATTACHED DEVIATION



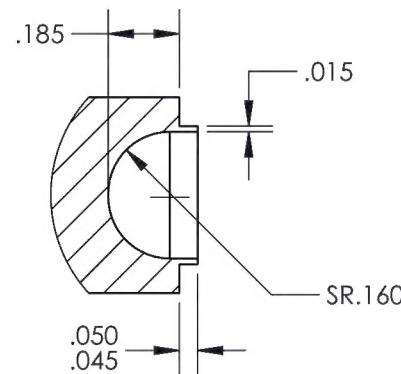
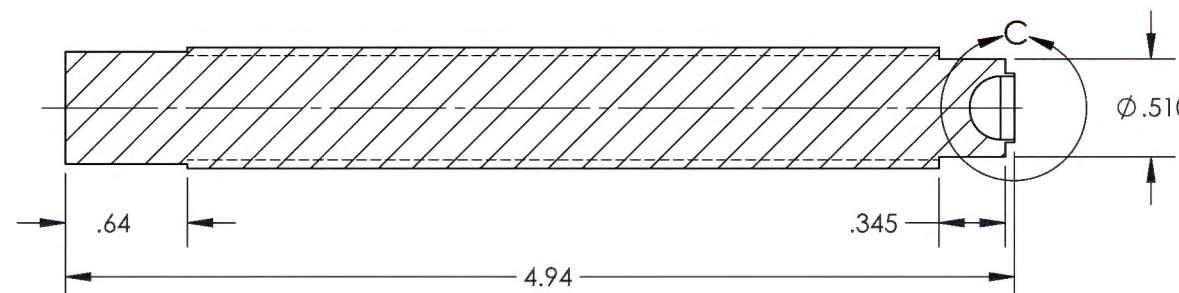
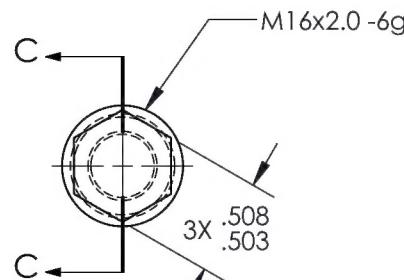
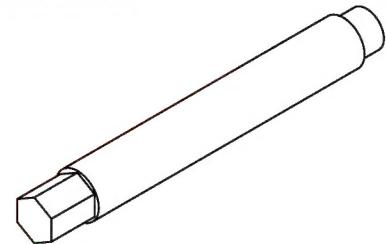
(-3)
BOLT ASSEMBLY

DART AEROSPACE	
TITLE	PULLER
DWG NO.	RBE1X56-122-276-3
REV	1
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE	1:1
DATE	7/13/2016
SHEET 3 OF 4	

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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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SEE ATTACHED DEVIATION



DETAIL C
SCALE 2 : 1

(-5)

BOLT

SECTION C-C

DART AEROSPACE	
TITLE	
PULLER	
DWG NO. RBE1X56-122-276-5	
REV 1	
MATERIAL 4140/4142	
HEAT TREAT RC 28-32	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 7/13/2016
SHEET 4 OF 4	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125 ✓

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

USED ON MODEL
EC145

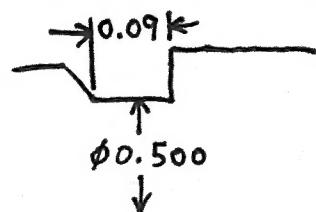
Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No.

Route update only

Job: _____	DISPOSITION	DEPARTMENT/PROCESS			
Part No. <u>RBE1X56-122-276-5</u> REV. 1	Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/>	Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/>	Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/>	Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/>
Date : _____	Sequence #: _____	QTY Affected : _____			
Description Work Order Deviation		Disposition			
<p>ADDED THREAD RELIEF BETWEEN 0.508 - 0.503 HEX AND M16 x 2.0 - 6g THREAD</p>  <p>ADDED 0.04 x 45.0° CMF TO END OF 0.508 - 0.503 HEX</p>		<p>THIS DEVIATION IS ACCEPTABLE THE FIT, FORM, AND FUNCTION OF THE PART WILL BE AS ORIGINALLY INTENDED</p>			
Root Cause		FAULT CATEGORY			
Operator <input type="checkbox"/>	Manufacturing Process <input checked="" type="checkbox"/>	Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled <input type="checkbox"/>	Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread <input type="checkbox"/>
Equip/Tooling <input type="checkbox"/>	Handling/Preservation <input type="checkbox"/>	Other/Details: _____			
Material <input type="checkbox"/>	Product Improvement <input type="checkbox"/>				
Process Improvement <input type="checkbox"/>	Human Factors <input type="checkbox"/>				